

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1. (Currently Amended)** A compact photovoltaic module comprising:
  - a) a plurality of radiation reflectors each comprising an asymmetric portion of a parabolic or similarly shaped surface having a vertically and a longitudinally curved configuration, the plurality of radiation reflectors being serially arranged, and
  - b) a plurality of photovoltaic cells with each cell having a corresponding reflector for directing radiation to the cell, each cell being shielded from direct radiation by an adjacent reflector and with the corresponding reflector directing off-axis radiation to the cell.
- 2. (Original)** The compact photovoltaic module as defined by claim 1 wherein each reflector comprises a formed material with a reflective surface.
- 3. (Original)** The compact photovoltaic module as defined by claim 2 wherein the formed material is reflective.
- 4. (Original)** The compact photovoltaic module as defined by claim 2 wherein the formed material includes a reflective coating.
- 5. (Original)** The compact photovoltaic module as defined by claim 4 wherein the reflective coating comprises aluminum.
- 6. (Original)** The compact photovoltaic module as defined by claim 4 wherein the reflective coating comprises silver.

**7. (Original)** The compact photovoltaic module as defined by claim 2 wherein all reflectors are formed as one unit.

**8. (Original)** The compact photovoltaic module as defined by claim 2 and further including a secondary reflector located at or near the focus of a radiation reflector for directing radiation to a corresponding cell.

**9. (Original)** The compact photovoltaic module as defined by claim 2 and further including an optical refractor with each cell.

**10. (Original)** The compact photovoltaic module as defined by claim 2 wherein each cell is located at or near the focus of its corresponding reflector.

**11. (Currently Amended)** ~~The compact photovoltaic module as defined by claim 10~~ A compact photovoltaic module comprising:

a plurality of radiation reflectors each comprising an asymmetric portion of a parabolic or similarly shaped surface, wherein each radiation reflector includes a reflective surface and an appendage for the mounting of a cell corresponding to an adjacent reflector and wherein the plurality of radiation reflectors are serially arranged; and

a plurality of photovoltaic cells, each affixed to said adjacent reflector with said appendage, with each cell having a corresponding reflector for directing radiation to the cell, each cell being shielded from direct radiation by an adjacent reflector and with the corresponding reflector directing off-axis radiation to the cell.

**12. (Currently Amended)** A radiation reflector array comprising a plurality of radiation reflectors arranged in rows and columns, each radiation reflector comprising an asymmetric

portion of a parabolic or similarly shaped surface arranged in a vertically and a longitudinally curved configuration enabling radiation to be directed and directing radiation to or from a focus hidden behind an adjacent reflector with the radiation being off-axis with respect to the parabolic reflector.

**13. (Original)** The radiation reflector array as defined by claim 12 wherein material comprising the reflector array is reflective.

**14. (Original)** The radiation reflector array as defined by claim 12 where each reflector comprises a formed material with a reflective coating on a surface.

**15. (Original)** The radiation reflector array as defined by claim 14 wherein the reflective coating comprises aluminum.

**16. (Original)** The radiation reflector array as defined by claim 14 wherein the reflective coating comprises silver.

**17. (Original)** The radiation reflector array as defined by claim 14 wherein all reflectors are formed as one unit.

**18. (Original)** The radiation reflector array as defined by claim 14 wherein each reflector transmits radiation to or from the focus of the radiation reflector.

**19. (Original)** The radiation reflector array as defined by claim 12 wherein a secondary reflector is located at the focus of the radiation reflector for directing radiation to and from the reflector.

**20. (Original)** The radiation reflector array as defined by claim 12 wherein each radiation reflector includes an appendage for the mounting of a receiver or transmitter.

**21. (Original)** For use in a compact array of radiation reflectors, a radiation reflector comprising a body having an off-axis portion of a parabolic or similarly shaped surface whereby radiation is directed to or from a focus of the reflector surface.

**22. (Original)** The radiation reflector as defined by claim 21 wherein the reflector comprises a formed material with a reflective coating on a surface of the formed material.

**23. (Original)** The radiation reflector as defined by claim 22 wherein the reflective coating comprises aluminum.

**24. (Original)** The radiation reflector as defined by claim 22 wherein the reflective coating comprises silver.

**25. (Original)** The radiation reflector as defined by claim 21 wherein the reflector comprises a formed reflective material.

**26. (Original)** The radiation reflector as defined by claim 21 and including an appendage for the mounting of a receiver or transmitter.

**27. (New)** A compact photovoltaic module as recited in Claim 1 wherein:

at least some of the plurality of radiation reflectors include a secondary reflector arranged on a backside surface of the reflector for directing radiation to a corresponding cell.

**28. (New) A compact photovoltaic module as recited in Claim 27 wherein:**

at least some of the plurality of cells include a secondary photovoltaic element arranged to receive radiation that passes through a primary photovoltaic element of the cell and is reflected onto the secondary photovoltaic element by the secondary reflector arranged on the backside surface of the reflector.

**29. (New) A compact photovoltaic module as recited in Claim 1 wherein:**

at least some of the plurality of radiation reflectors include a dichroic secondary reflector arranged behind the reflector to direct a portion of the radiation onto a primary photovoltaic element of the cell; and

at least some of the plurality of cells include a secondary photovoltaic element arranged to receive another portion of the radiation that passes through dichroic secondary reflector.